

# AUSTRALIAN BUREAU OF STATISTICS QUEENSLAND OFFICE

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## THE LABOUR FORCE, QUEENSLAND, MAY 1979

### INQUIRIES

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### Main Features

- In May 1979, the labour force in Queensland was estimated to be 950,200 and comprised 621,700 males and 328,500 females, including 197,100 married females.
- Employed persons in May 1979 totalled 889,400. Males numbered 590,800 and females 298,700; 185,100 of the females were married.
- The estimated number of persons unemployed in Queensland in May 1979 was 60,800 or 6.4 per cent of the labour force. Of this total, the number of persons looking for part-time work was estimated to be 10,200.
- Of the total unemployed, 19,700 persons, or 32.4 per cent, were in the 15 to 19 years age group. This represents an unemployment rate of 14.8 per cent for this age group.
- The estimated number of persons looking for their first job in May 1979 was 9,200 or 15.1 per cent of all unemployed persons in Queensland.

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### Explanatory Notes

#### General

**The Population Survey.** The survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels, etc.) and usually covers slightly more than two-thirds of 1 per cent of the population of Queensland. Commencing with the survey in February 1978 the population surveys are being conducted monthly. Previously the surveys were conducted in February, May, August, and November each year. The information is obtained from the occupants of selected dwellings by carefully-chosen and specially-trained interviewers. The interviews are carried out during a period of two weeks beginning on the Monday between the 6th and 12th of each month. Before February 1978 the interviews were spread over four weeks chosen so that the survey weeks generally fell within the limits of the calendar month or with minimum encroachment into the adjacent months.



### Explanatory Notes (continued)

Scope. The estimates relate to all persons aged 15 years and over, except members of the permanent armed forces and certain diplomatic personnel customarily excluded from Census and estimated populations.

Classification of the Labour Force. The labour force classification used in the surveys conforms closely to that recommended by the Eighth International Conference of Labour Statisticians, 1954. The labour force category to which a person is assigned depends on his actual activity (i.e. whether working, looking for work, etc.) during a specified week, known as survey week, which is the week immediately preceding that in which the interview takes place. The principal categories of the labour force appearing in tables in this bulletin are defined as follows:

The Labour Force comprises all persons aged 15 years and over who, during the survey week, were employed or unemployed.

(1) Employed persons

(a) comprise all those who, during the survey week,

- (i) worked for one hour or more for pay, profit, commission, or payment in kind, in a job or business, or on a farm (including employees, employers, and self-employed persons), or
- (ii) worked 15 hours or more without pay in a family business (or farm), or
- (iii) had a job, business, or farm, but were not at work because of illness, accident, leave, holiday, production hold-up due to bad weather, plant break-down, etc., or because they were on strike;

(b) can be classified into:

- (i) full-time workers, i.e. those who usually work 35 hours or more a week, and those who worked 35 hours or more in the survey week; and
- (ii) part-time workers, i.e. those who worked less than 35 hours a week during survey week and who usually work less than 35 hours a week.

(2) Unemployed persons comprise all those who either

- (i) during the survey week did not work and did not have a job, but could have taken one had it been available, and had been looking for full-time or part-time work in the four weeks up to and including the survey week (including persons who would have been prevented from taking a job in the survey week by their own temporary illness or injury, or by their having made arrangements to start after the survey week in a new job which they would have preferred to start in the survey week), or
- (ii) were stood down from their jobs without pay for less than four weeks (including all of survey week).

A person who either lost his job or was stood down during the survey week, but did some work at his job during the survey week, is classified as employed.

Persons Not in the Labour Force are those who, during the survey week, were not in the categories employed or unemployed as defined. This category therefore includes persons without a job, business, or farm who were not actively looking for work and who, during the survey week, were either keeping house (unpaid), attending an educational institution (e.g. school or university), retired or voluntarily inactive, permanently unable to work, or inmates of institutions. A person who worked less than 15 hours without pay in a family business during the survey week is also classified as not in the labour force.

Industry Classification. Industry is classified according to the Australian Standard Industrial Classification (ASIC).

Occupation Classification. Occupation has been classified according to the Classification and Classified List of Occupations, revised June 1976.

The Brisbane Statistical Division comprises the Cities of Brisbane, Ipswich, and Redcliffe, the Shire of Redland, and parts of the Shires of Albert, Beaudesert, Caboolture, Moreton, and Pine Rivers.

### Technical Notes

Estimation Procedure. The estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the Estimates. Since the estimates in this bulletin are based on information obtained from occupants of a sample of dwellings they may differ from the figures that would have been obtained if all dwellings had been included in the surveys. One measure of the likely difference is given by the standard error which indicates the extent to which an estimate might have varied by chance. There are about two chances in three that a sample estimate

### Explanatory Notes (continued)

will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors. Space does not allow for the separate indication of the standard errors of all estimates in this bulletin. Standard errors for general application are given in Table A below. These figures will not give a precise measure of the standard error of a particular estimate since they are averages based on calculations for a limited number of past surveys over a wide range of labour force characteristics. They will provide an indication, however, of the magnitude of the standard error of any particular estimate for any particular survey. An example of the use of Table A is as follows: If the estimate for Queensland obtained from the sample is 20,000 the standard error is 1,500, i.e. there are about two chances in three that the true figure is within the range 18,500 to 21,500 and about 19 chances in 20 that the true figure is between 17,000 and 23,000.

The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors than estimates of equivalent size for males in similar employment categories.

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. The per cent standard error of the estimated percentage, however, will generally be lower than the per cent standard error of the estimate of the numerator. The per cent standard errors of the numerators can be obtained from Table A.

As the standard errors in Table A show, the smaller the estimate the higher is the relative standard error. Very small estimates are thus subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this bulletin, estimates below the level shown in Table A (3,500) have not been included. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

Table A

| Size of estimate | Standard errors | Per cent of estimate |
|------------------|-----------------|----------------------|
| persons          | No.             | %                    |
| (a) 3,500        | 740             | 21.1                 |
| 4,000            | 780             | 19.5                 |
| 4,500            | 820             | 18.2                 |
| 5,000            | 860             | 17.2                 |
| 6,000            | 930             | 15.5                 |
| 10,000           | 1,200           | 12.0                 |
| 20,000           | 1,500           | 7.5                  |
| 50,000           | 2,200           | 4.4                  |
| 100,000          | 2,800           | 2.8                  |
| 200,000          | 3,600           | 1.8                  |
| 300,000          | 4,100           | 1.4                  |
| 500,000          | 4,800           | 1.0                  |
| 1,000,000        | 5,900           | 0.6                  |

(a) Estimates below 3,500 have not been published (see text above).

The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement.

An indication of the magnitude of standard errors of monthly movements in the Queensland estimates is given in Table B below. The estimates of standard errors of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive years or between two other non-consecutive months will generally be subject to somewhat greater sampling variability than is indicated in Table B. A guide to the standard errors of quarterly movements since February 1978 can be obtained by multiplying the corresponding figure for monthly movements by 1.4.

Table B

| Size of larger estimate | Standard errors of estimates of monthly movements |
|-------------------------|---|
| 3,500                   | 730   |
| 4,000                   | 760   |
| 4,500                   | 790   |
| 5,000                   | 820   |
| 6,000                   | 880   |
| 10,000                  | 1,000   |
| 20,000                  | 1,300   |
| 50,000                  | 1,700   |
| 100,000                 | 2,100   |
| 200,000                 | 2,500   |
| 300,000                 | 2,800   |
| 500,000                 | 3,200   |
| 1,000,000               | 3,800   |

The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the non-sampling error, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers, and efficient operating procedures.

#### Symbols and Other Usages

- \* Subject to sampling variability too high for most practical uses. (See text above regarding Reliability of the Estimates.)
- .. Not applicable.

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

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5 September 1979

Table 1 - Civilian Population 15 Years of Age and Over by Employment Status, Queensland

| Month             |    | Employed | Unemployed |                       | Total labour force |                        | Not in labour force | Civilian population aged 15 years and over |
|-------------------|----|----------|------------|-----------------------|--------------------|------------------------|---------------------|--|
|                   |    |          | Number     | Unemployment rate (a) | Number             | Participation rate (b) |                     |  |
|                   |    | '000     | '000       | %                     | '000               | %                      | '000                | '000                                       |
| Males             |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 575.6    | 40.9       | 6.6                   | 616.5              | 78.9                   | 165.1               | 781.6                                      |
| April             | .. | 576.1    | 39.8       | 6.5                   | 615.8              | 78.5                   | 169.0               | 784.8                                      |
| May               | .. | 574.7    | 39.9       | 6.5                   | 614.5              | 78.2                   | 171.6               | 786.2                                      |
| 1979: March       | .. | 583.4    | 36.8       | 5.9                   | 620.2              | 78.0                   | 175.1               | 795.2                                      |
| April             | .. | 586.9    | 34.2       | 5.5                   | 621.1              | 78.0                   | 175.1               | 796.2                                      |
| May               | .. | 590.8    | 30.9       | 5.0                   | 621.7              | 78.0                   | 175.4               | 797.0                                      |
| Married Females   |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 185.8    | 14.6       | 7.3                   | 200.4              | 38.6                   | 318.6               | 519.0                                      |
| April             | .. | 185.7    | 10.8       | 5.5                   | 196.5              | 37.8                   | 323.4               | 520.0                                      |
| May               | .. | 181.7    | 11.4       | 5.9                   | 193.1              | 37.0                   | 329.2               | 522.3                                      |
| 1979: March       | .. | 184.5    | 13.4       | 6.8                   | 197.9              | 37.6                   | 328.9               | 526.8                                      |
| April             | .. | 185.2    | 13.8       | 6.9                   | 199.0              | 37.5                   | 332.0               | 531.0                                      |
| May               | .. | 185.1    | 12.1       | 6.1                   | 197.1              | 37.3                   | 331.2               | 528.4                                      |
| Other Females (c) |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 112.2    | 18.7       | 14.3                  | 130.9              | 47.6                   | 144.0               | 274.9                                      |
| April             | .. | 115.0    | 15.5       | 11.9                  | 130.5              | 47.0                   | 147.0               | 277.5                                      |
| May               | .. | 116.5    | 15.4       | 11.6                  | 131.8              | 47.7                   | 144.7               | 276.5                                      |
| 1979: March       | .. | 113.6    | 21.8       | 16.1                  | 135.4              | 47.9                   | 147.4               | 282.8                                      |
| April             | .. | 113.7    | 19.7       | 14.8                  | 133.4              | 47.6                   | 147.0               | 280.4                                      |
| May               | .. | 113.6    | 17.8       | 13.5                  | 131.4              | 46.3                   | 152.7               | 284.1                                      |
| All Females       |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 298.0    | 33.3       | 10.1                  | 331.3              | 41.7                   | 462.6               | 793.9                                      |
| April             | .. | 300.6    | 26.4       | 8.1                   | 327.0              | 41.0                   | 470.4               | 797.4                                      |
| May               | .. | 298.2    | 26.8       | 8.2                   | 324.9              | 40.7                   | 473.9               | 798.8                                      |
| 1979: March       | .. | 298.1    | 35.2       | 10.6                  | 333.3              | 41.2                   | 476.3               | 809.6                                      |
| April             | .. | 298.9    | 33.5       | 10.1                  | 332.4              | 41.0                   | 479.0               | 811.4                                      |
| May               | .. | 298.7    | 29.9       | 9.1                   | 328.5              | 40.4                   | 483.9               | 812.4                                      |
| Persons           |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 873.5    | 74.3       | 7.8                   | 947.8              | 60.2                   | 627.7               | 1,575.5                                    |
| April             | .. | 876.7    | 66.1       | 7.0                   | 942.9              | 59.6                   | 639.4               | 1,582.2                                    |
| May               | .. | 872.9    | 66.6       | 7.1                   | 939.5              | 59.3                   | 645.5               | 1,585.0                                    |
| 1979: March       | .. | 881.5    | 72.0       | 7.6                   | 953.5              | 59.4                   | 651.4               | 1,604.9                                    |
| April             | .. | 885.8    | 67.7       | 7.1                   | 953.5              | 59.3                   | 654.1               | 1,607.6                                    |
| May               | .. | 889.4    | 60.8       | 6.4                   | 950.2              | 59.0                   | 659.3               | 1,609.5                                    |

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

(c) Never married, widowed, and divorced.

Table 2 - Civilian Population 15 Years of Age and Over in the Brisbane Statistical Division by Employment Status

| Month             |    | Employed | Unemployed |                       | Total labour force |                        | Not in labour force | Civilian population aged 15 years and over |
|-------------------|----|----------|------------|-----------------------|--------------------|------------------------|---------------------|--|
|                   |    |          | Number     | Unemployment rate (a) | Number             | Participation rate (b) |                     |  |
|                   |    |          |            |                       |                    |                        |                     |  |
| Males             |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 266.0    | 19.0       | 6.7                   | 285.0              | 79.1                   | 75.1                | 360.1                                      |
| April             | .. | 267.8    | 17.0       | 6.0                   | 284.8              | 78.8                   | 76.7                | 361.5                                      |
| May               | .. | 266.6    | 17.1       | 6.0                   | 283.7              | 78.3                   | 78.5                | 362.2                                      |
| 1979: March       | .. | 272.0    | 16.2       | 5.6                   | 288.2              | 78.7                   | 78.0                | 366.3                                      |
| April             | .. | 273.7    | 15.6       | 5.4                   | 289.3              | 78.9                   | 77.4                | 366.7                                      |
| May               | .. | 271.4    | 14.1       | 4.9                   | 285.5              | 77.8                   | 81.3                | 366.8                                      |
| Married Females   |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 94.6     | 6.6        | 6.6                   | 101.3              | 40.8                   | 146.9               | 248.2                                      |
| April             | .. | 91.7     | 5.0        | 5.1                   | 96.7               | 39.5                   | 148.2               | 244.9                                      |
| May               | .. | 89.2     | 4.9        | 5.2                   | 94.1               | 38.1                   | 152.9               | 247.1                                      |
| 1979: March       | .. | 90.1     | 4.3        | 4.6                   | 94.4               | 38.2                   | 152.9               | 247.3                                      |
| April             | .. | 89.4     | 6.1        | 6.3                   | 95.5               | 38.3                   | 154.0               | 249.4                                      |
| May               | .. | 88.6     | 5.6        | 6.0                   | 94.2               | 37.9                   | 154.1               | 248.3                                      |
| Other Females (c) |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 56.0     | 9.0        | 13.8                  | 65.0               | 47.3                   | 72.4                | 137.5                                      |
| April             | .. | 60.2     | 7.6        | 11.2                  | 67.8               | 47.6                   | 74.6                | 142.4                                      |
| May               | .. | 61.7     | 5.8        | 8.6                   | 67.4               | 47.8                   | 73.5                | 141.0                                      |
| 1979: March       | .. | 64.1     | 10.2       | 13.8                  | 74.4               | 50.9                   | 71.7                | 146.1                                      |
| April             | .. | 64.4     | 7.9        | 11.0                  | 72.3               | 50.0                   | 72.2                | 144.5                                      |
| May               | .. | 64.6     | 6.8        | 9.5                   | 71.4               | 48.8                   | 74.8                | 146.1                                      |
| All Females       |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 150.7    | 15.6       | 9.4                   | 166.3              | 43.1                   | 219.3               | 385.6                                      |
| April             | .. | 151.9    | 12.6       | 7.7                   | 164.5              | 42.5                   | 222.9               | 387.4                                      |
| May               | .. | 150.9    | 10.7       | 6.6                   | 161.6              | 41.6                   | 226.5               | 388.0                                      |
| 1979: March       | .. | 154.3    | 14.5       | 8.6                   | 168.8              | 42.9                   | 224.6               | 393.4                                      |
| April             | .. | 153.8    | 14.0       | 8.3                   | 167.8              | 42.6                   | 226.2               | 394.0                                      |
| May               | .. | 153.2    | 12.4       | 7.5                   | 165.6              | 42.0                   | 228.9               | 394.5                                      |
| Persons           |    |          |            |                       |                    |                        |                     |  |
| 1978: March       | .. | 416.7    | 34.6       | 7.7                   | 451.3              | 60.5                   | 294.4               | 745.8                                      |
| April             | .. | 419.7    | 29.6       | 6.6                   | 449.3              | 60.0                   | 299.6               | 748.9                                      |
| May               | .. | 417.5    | 27.8       | 6.2                   | 445.2              | 59.4                   | 305.0               | 750.2                                      |
| 1979: March       | .. | 426.3    | 30.7       | 6.7                   | 457.0              | 60.2                   | 302.7               | 759.7                                      |
| April             | .. | 427.5    | 29.6       | 6.5                   | 457.1              | 60.1                   | 303.5               | 760.6                                      |
| May               | .. | 424.6    | 26.5       | 5.9                   | 451.1              | 59.3                   | 310.2               | 761.3                                      |

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

(b) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

(c) Never married, widowed, and divorced.

Table 3 - Civilian Labour Force (a) by Age, Queensland, May 1979

| Age group<br>(years) | Number |                 |             |         | Participation rate (b) |                 |             |         |
|----------------------|--------|-----------------|-------------|---------|------------------------|-----------------|-------------|---------|
|                      | Males  | Married females | All females | Persons | Males                  | Married females | All females | Persons |
|                      | '000   | '000            | '000        | '000    | %                      | %               | %           | %       |
| 15-19 .. ..          | 73.2   | 4.1             | 59.8        | 132.9   | 72.2                   | 62.4            | 60.6        | 66.5    |
| 20-24 .. ..          | 85.0   | 23.6            | 60.9        | 145.9   | 92.9                   | 49.2            | 67.0        | 80.0    |
| 25-34 .. ..          | 160.8  | 64.0            | 77.1        | 237.9   | 95.6                   | 44.0            | 46.5        | 71.2    |
| 35-44 .. ..          | 121.2  | 58.4            | 65.9        | 187.1   | 95.0                   | 52.5            | 53.8        | 74.8    |
| 45-54 .. ..          | 105.5  | 34.4            | 44.9        | 150.4   | 93.6                   | 38.4            | 41.7        | 68.2    |
| 55-59 .. ..          | 42.8   | 8.9             | 11.9        | 54.7    | 80.3                   | 21.0            | 22.2        | 51.1    |
| 60-64 .. ..          | 22.9   | *               | 5.4         | 28.3    | 51.4                   | *               | 11.1        | 30.3    |
| 65 and over ..       | 10.3   | *               | *           | 12.9    | 10.5                   | *               | *           | 5.8     |
| <b>Total</b> ..      | 621.7  | 197.1           | 328.5       | 950.2   | 78.0                   | 37.3            | 40.4        | 59.0    |

(a) Civilians aged 15 years and over.

(b) The labour force in each group as a percentage of the civilian population in the same group.

Table 4 - Employed Persons (a) by Full-time or Part-time Status, Queensland

| Month  | Males     |           | Married females |           | All females |           | Persons   |           |
|--|-----------|-----------|-----------------|-----------|-------------|-----------|-----------|-----------|
|  | Full-time | Part-time | Full-time       | Part-time | Full-time   | Part-time | Full-time | Part-time |
| Number ('000)  |           |           |                 |           |             |           |           |           |
| 1978: March ..   | 547.4     | 28.2      | 96.8            | 88.9      | 187.9       | 110.0     | 735.3     | 138.2     |
| April ..   | 550.2     | 25.9      | 98.6            | 87.1      | 191.5       | 109.1     | 741.7     | 135.0     |
| May ..   | 547.4     | 27.3      | 95.2            | 86.5      | 189.0       | 109.2     | 736.4     | 136.5     |
| 1979: March ..   | 557.5     | 25.9      | 101.7           | 82.8      | 195.3       | 102.8     | 752.7     | 128.8     |
| April ..   | 559.4     | 27.5      | 102.2           | 83.0      | 193.3       | 105.6     | 752.7     | 133.1     |
| May ..   | 562.7     | 28.1      | 100.1           | 84.9      | 192.2       | 106.4     | 754.9     | 134.5     |
| Full-time/Part-time as a Proportion of Employed Persons (b) (per cent) |           |           |                 |           |             |           |           |           |
| 1978: March ..   | 95.1      | 4.9       | 52.1            | 47.9      | 63.1        | 36.9      | 84.2      | 15.8      |
| April ..   | 95.5      | 4.5       | 53.1            | 46.9      | 63.7        | 36.3      | 84.6      | 15.4      |
| May ..   | 95.3      | 4.7       | 52.4            | 47.6      | 63.4        | 36.6      | 84.4      | 15.6      |
| 1979: March ..   | 95.6      | 4.4       | 55.1            | 44.9      | 65.5        | 34.5      | 85.4      | 14.6      |
| April ..   | 95.3      | 4.7       | 55.2            | 44.8      | 64.7        | 35.3      | 85.0      | 15.0      |
| May ..   | 95.2      | 4.8       | 54.1            | 45.9      | 64.4        | 35.6      | 84.9      | 15.1      |

(a) Civilians 15 years of age and over.

(b) Employed persons in each category (full-time males, part-time males, etc.) as a proportion of all employed persons in the corresponding sex/marital status group (i.e. males, married females, all females, or persons).

Table 5 - Employed Persons (a) by Industry, Queensland, May 1979  
(1000)

| Industry division   |    |    |    |    | Males | Married females | Other females (b) | All females | Persons |
|---|----|----|----|----|-------|-----------------|-------------------|-------------|---------|
| Agriculture   | .. | .. | .. | .. | 58.0  | 11.4            | 3.9               | 15.3        | 73.3    |
| Manufacturing   | .. | .. | .. | .. | 103.9 | 15.2            | 10.1              | 25.3        | 129.2   |
| Construction  | .. | .. | .. | .. | 92.6  | 8.4             | *                 | 10.6        | 103.2   |
| Wholesale and retail trade  | .. | .. | .. | .. | 115.9 | 48.7            | 31.3              | 80.0        | 195.9   |
| Transport and storage   | .. | .. | .. | .. | 38.5  | 5.5             | *                 | 8.4         | 46.9    |
| Finance, insurance, real estate, and business services                | .. | .. | .. | .. | 37.4  | 13.9            | 11.2              | 25.2        | 62.6    |
| Community services  | .. | .. | .. | .. | 46.9  | 51.8            | 31.4              | 83.2        | 130.1   |
| Entertainment, recreation, restaurants, hotels, and personal services | .. | .. | .. | .. | 25.3  | 22.6            | 9.4               | 32.0        | 57.3    |
| Other industries  | .. | .. | .. | .. | 72.2  | 7.5             | 11.1              | 18.6        | 90.8    |
| <u>Total</u>  | .. | .. | .. | .. | 590.8 | 185.1           | 113.6             | 298.7       | 889.4   |

(a) Civilians aged 15 years and over.

(b) Never married, widowed, and divorced.

Table 6 - Employed Persons (a) by Occupation, Queensland, May 1979  
(1000)

| Occupation group   |    |    |    |    | Males | Married females | Other females (b) | All females | Persons |
|--|----|----|----|----|-------|-----------------|-------------------|-------------|---------|
| Professional and technical                                       | .. | .. | .. | .. | 54.3  | 28.9            | 19.1              | 48.0        | 102.4   |
| Administrative, executive, and managerial                        | .. | .. | .. | .. | 47.1  | 7.2             | *                 | 8.7         | 55.9    |
| Clerical   | .. | .. | .. | .. | 42.1  | 50.7            | 43.1              | 93.8        | 135.8   |
| Sales  | .. | .. | .. | .. | 45.8  | 26.0            | 17.5              | 43.5        | 89.4    |
| Farmers, fishermen, timber-getters, etc.                         | .. | .. | .. | .. | 67.5  | 11.2            | 3.9               | 15.1        | 82.6    |
| Transport and communication                                      | .. | .. | .. | .. | 48.6  | 7.0             | *                 | 9.1         | 57.7    |
| Tradesmen, production-process workers, and labourers, n.e.c. (c) | .. | .. | .. | .. | 254.0 | 15.8            | 9.6               | 25.5        | 279.5   |
| Service, sport, and recreation                                   | .. | .. | .. | .. | 31.2  | 38.2            | 16.9              | 55.0        | 86.2    |
| <u>Total</u>   | .. | .. | .. | .. | 590.8 | 185.1           | 113.6             | 298.7       | 889.4   |

(a) Civilians aged 15 years and over.

(b) Never married, widowed, and divorced.

(c) Including miners, quarrymen, and related workers.



Table 7 - Average Hours Worked (a) by Employed Persons (b), Queensland, May 1979

| Industry division and occupational status                                     |    |    |    |    | Males | Married females | Other females (c) | All females | Persons |
|---|----|----|----|----|-------|-----------------|-------------------|-------------|---------|
| Agriculture .. .. .   | .. | .. | .. | .. | 51.7  | 41.9            | 35.0              | 40.1        | 49.3    |
| Manufacturing .. .. .   | .. | .. | .. | .. | 36.3  | 29.3            | 31.3              | 30.1        | 35.1    |
| Construction .. .. .  | .. | .. | .. | .. | 38.4  | 20.3            | *                 | 24.2        | 36.9    |
| Wholesale and retail trade .. .. .  | .. | .. | .. | .. | 40.0  | 28.6            | 30.2              | 29.3        | 35.6    |
| Transport and storage .. .. .   | .. | .. | .. | .. | 38.8  | 27.0            | *                 | 28.1        | 36.9    |
| Finance, insurance, real estate, and business services ..                     | .. | .. | .. | .. | 39.0  | 26.4            | 31.7              | 28.8        | 34.9    |
| Community services .. .. .  | .. | .. | .. | .. | 36.3  | 27.1            | 30.1              | 28.3        | 31.2    |
| Entertainment, recreation, restaurants, hotels, and personal services .. .. . | .. | .. | .. | .. | 39.5  | 25.0            | 27.3              | 25.7        | 31.8    |
| Other industries .. .. .  | .. | .. | .. | .. | 36.1  | 24.5            | 30.7              | 28.2        | 34.5    |
| Wage and salary earners .. .. .   | .. | .. | .. | .. | 36.9  | 27.1            | 30.7              | 28.6        | 34.0    |
| Other (d) .. .. .   | .. | .. | .. | .. | 48.0  | 30.4            | 28.8              | 30.2        | 43.1    |
| <u>Total employed</u> .. .. .   | .. | .. | .. | .. | 39.3  | 27.9            | 30.6              | 28.9        | 35.8    |

- (a) Persons with jobs who did not work during survey week have been included in the calculation of average hours worked. When recording hours worked, fractions of an hour are disregarded. This procedure results in a slight lowering of the average hours figures.
- (b) Civilians aged 15 years and over.
- (c) Never married, widowed, and divorced.
- (d) Employers, self-employed, and unpaid family helpers.

Table 8 - Employed Persons (a) by Hours Worked (b), Queensland, May 1979  
(1000)

| Hours worked    |    | Number employed |                 |                   |             |         |
|-----------------|----|-----------------|-----------------|-------------------|-------------|---------|
|                 |    | Males           | Married females | Other females (c) | All females | Persons |
| 0 (d) ..        | .. | 38.2            | 11.8            | 8.9               | 20.7        | 58.8    |
| 1-15 ..         | .. | 18.1            | 40.3            | 11.2              | 51.5        | 69.6    |
| 16-29 ..        | .. | 37.4            | 39.5            | 15.0              | 54.5        | 91.9    |
| 30-34 ..        | .. | 71.1            | 21.2            | 20.1              | 41.3        | 112.4   |
| 35-39 ..        | .. | 52.9            | 15.6            | 15.3              | 31.0        | 83.9    |
| 40 ..           | .. | 177.9           | 32.0            | 31.6              | 63.5        | 241.5   |
| 41-44 ..        | .. | 31.9            | 4.6             | 5.2               | 9.7         | 41.7    |
| 45-48 ..        | .. | 46.3            | 5.8             | *                 | 7.8         | 54.2    |
| 49 and over ..  | .. | 116.9           | 14.4            | 4.3               | 18.7        | 135.5   |
| <u>Total</u> .. | .. | 590.8           | 185.1           | 113.6             | 298.7       | 889.4   |

- (a) Civilians aged 15 years and over.
- (b) Actual hours worked during survey week, not hours paid for. The figures may be affected by: public holidays, leave, and absenteeism; temporary absence from work due to sickness, accidents, and industrial disputes; and work stoppages due to bad weather, plant breakdown, etc.
- (c) Never married, widowed, and divorced.
- (d) Excluding persons stood down without pay for the whole of survey week; these persons are classified as unemployed.

Table 9 - Unemployed Persons and Unemployment Rates (a) by Occupation, Queensland

| Occupation (b)  | May 1978 |      | August 1978 |      | November 1978 |      | February 1979 |      | May 1979 |      |
|---|----------|------|-------------|------|---------------|------|---------------|------|----------|------|
|   | Number   | Rate | Number      | Rate | Number        | Rate | Number        | Rate | Number   | Rate |
|   | '000     | %    | '000        | %    | '000          | %    | '000          | %    | '000     | %    |
| Administrative, executive, managerial, and clerical .. ..                                   | 6.6      | 3.2  | 5.8         | 2.8  | 5.3           | 2.6  | 5.8           | 2.9  | 4.6      | 2.3  |
| Sales .. ..   | 5.4      | 6.1  | 4.3         | 5.1  | 5.8           | 6.2  | 6.6           | 7.1  | 5.3      | 5.6  |
| Farmers, fishermen, timber-getters, etc. .. ..  | 5.4      | 5.9  | 3.7         | 3.9  | *             | *    | 5.2           | 6.0  | *        | *    |
| Tradesmen, production process workers, and labourers (c) ..                                 | 21.5     | 7.4  | 23.2        | 8.0  | 20.5          | 7.1  | 20.5          | 7.2  | 16.0     | 5.4  |
| Service, sport, and recreation ..   | 7.1      | 7.5  | 4.7         | 5.0  | 5.0           | 5.5  | 6.9           | 7.8  | 5.7      | 6.2  |
| Other occupations .. ..   | 3.8      | 2.6  | *           | *    | *             | *    | 5.3           | 3.2  | 4.3      | 2.6  |
| Looking for first job ..  | 9.6      | ..   | 9.1         | ..   | 7.1           | ..   | 12.6          | ..   | 9.2      | ..   |
| Persons who have not worked full-time for two weeks or more during the last two years .. .. | 7.2      | ..   | 8.4         | ..   | 8.1           | ..   | 12.7          | ..   | 13.2     | ..   |
| <u>Total unemployed</u> ..  | 66.6     | 7.1  | 62.5        | 6.6  | 57.4          | 6.1  | 75.7          | 8.0  | 60.8     | 6.4  |

(a) Unemployed in each occupation group as a percentage of the labour force in that group.

(b) Occupation of the last full-time job held for two weeks or more within the last two years.

(c) Including miners, quarrymen, and related workers.

Table 10 - Unemployed Persons and Unemployment Rates (a) by Industry, Queensland

| Industry division (b) and unemployment category   | May 1978 |      | August 1978 |      | November 1978 |      | February 1979 |      | May 1979 |      |
|---|----------|------|-------------|------|---------------|------|---------------|------|----------|------|
|   | No.      | Rate | No.         | Rate | No.           | Rate | No.           | Rate | No.      | Rate |
|   | '000     | %    | '000        | %    | '000          | %    | '000          | %    | '000     | %    |
| Manufacturing .. ..   | 9.3      | 6.6  | 9.4         | 6.8  | 6.4           | 4.7  | 8.3           | 6.4  | 7.4      | 5.4  |
| Construction .. ..  | 7.9      | 8.6  | 9.6         | 9.6  | 8.9           | 8.9  | 8.6           | 8.2  | 5.5      | 5.0  |
| Wholesale and retail trade ..   | 11.2     | 5.6  | 11.3        | 5.4  | 12.7          | 6.0  | 13.7          | 6.6  | 10.7     | 5.2  |
| Community services .. ..  | 4.2      | 3.2  | *           | *    | *             | *    | 3.8           | 2.7  | 4.0      | 3.0  |
| Entertainment, recreation, restaurants, hotels, and personal services ..                    | 5.2      | 8.2  | 4.5         | 7.0  | *             | *    | 5.2           | 8.3  | 3.9      | 6.4  |
| Other industries .. ..  | 12.0     | 4.1  | 8.3         | 2.9  | 8.3           | 3.1  | 10.9          | 3.9  | 7.0      | 2.5  |
| Looking for first job .. ..   | 9.6      | ..   | 9.1         | ..   | 7.1           | ..   | 12.6          | ..   | 9.2      | ..   |
| Persons who have not worked full-time for two weeks or more during the last two years .. .. | 7.2      | ..   | 8.4         | ..   | 8.1           | ..   | 12.7          | ..   | 13.2     | ..   |
| <u>Total unemployed</u> ..  | 66.6     | 7.1  | 62.5        | 6.6  | 57.4          | 6.1  | 75.7          | 8.0  | 60.8     | 6.4  |
| Looking for full-time work ..   | 58.1     | 7.3  | 54.6        | 6.9  | 48.7          | 6.1  | 65.9          | 8.1  | 50.6     | 6.3  |
| Looking for part-time work ..   | 8.5      | 5.9  | 7.9         | 5.4  | 8.8           | 6.1  | 9.8           | 7.1  | 10.2     | 7.1  |

(a) Unemployed in each group as a percentage of the labour force in that group.

(b) Industry of last full-time job held for two weeks or more within the last two years.

Table 11 - Unemployed Persons by Duration of Unemployment (a), Queensland

| Duration of unemployment (a)         |    |    | May<br>1978 | December<br>1978 | January<br>1979 | February<br>1979 | March<br>1979 | April<br>1979 | May<br>1979 |
|--------------------------------------|----|----|-------------|------------------|-----------------|------------------|---------------|---------------|-------------|
| Males                                |    |    |             |                  |                 |                  |               |               |             |
| Number unemployed                    |    |    | '000        | '000             | '000            | '000             | '000          | '000          | '000        |
| Under 4 weeks                        | .. | .. | 7.9         | 9.7              | 9.0             | 7.5              | 5.2           | 5.8           | 5.2         |
| 4 and under 8 weeks                  | .. | .. | 6.9         | 6.1              | 10.7            | 7.8              | 3.9           | 5.7           | 3.6         |
| 8 and under 13 weeks                 | .. | .. | 3.9         | 4.1              | 4.7             | 6.9              | 6.5           | 3.6           | 3.5         |
| 13 and under 26 weeks                | .. | .. | 11.3        | 6.9              | 5.1             | 5.0              | 8.2           | 10.1          | 7.5         |
| 26 weeks and over                    | .. | .. | 9.8         | 12.8             | 12.1            | 12.7             | 13.0          | 9.1           | 11.1        |
| <u>Total</u>                         | .. | .. | 39.9        | 39.6             | 41.6            | 39.9             | 36.8          | 34.2          | 30.9        |
| Average duration of unemployment (b) |    |    | weeks       | weeks            | weeks           | weeks            | weeks         | weeks         | weeks       |
|                                      |    |    | 19.1        | 22.8             | 22.4            | 24.7             | 30.1          | 25.3          | 31.5        |
| Females                              |    |    |             |                  |                 |                  |               |               |             |
| Number unemployed                    |    |    | '000        | '000             | '000            | '000             | '000          | '000          | '000        |
| Under 4 weeks                        | .. | .. | 7.4         | 11.2             | 8.7             | 10.3             | 7.1           | 7.7           | 5.2         |
| 4 and under 8 weeks                  | .. | .. | *           | 4.9              | 9.7             | 8.0              | 6.1           | *             | 4.1         |
| 8 and under 13 weeks                 | .. | .. | *           | 4.3              | 3.9             | 6.3              | 5.7           | 5.9           | *           |
| 13 and under 26 weeks                | .. | .. | 7.0         | 5.6              | 6.0             | 4.1              | 7.5           | 9.1           | 8.7         |
| 26 weeks and over                    | .. | .. | 6.1         | 6.5              | 6.9             | 7.2              | 8.7           | 7.8           | 8.6         |
| <u>Total</u>                         | .. | .. | 26.8        | 32.4             | 35.2            | 35.8             | 35.2          | 33.5          | 29.9        |
| Average duration of unemployment (b) |    |    | weeks       | weeks            | weeks           | weeks            | weeks         | weeks         | weeks       |
|                                      |    |    | 18.1        | 16.4             | 14.5            | 19.2             | 19.3          | 19.9          | 27.8        |
| Persons                              |    |    |             |                  |                 |                  |               |               |             |
| Number unemployed                    |    |    | '000        | '000             | '000            | '000             | '000          | '000          | '000        |
| Under 4 weeks                        | .. | .. | 15.3        | 20.9             | 17.6            | 17.7             | 12.3          | 13.4          | 10.4        |
| 4 and under 8 weeks                  | .. | .. | 10.3        | 10.9             | 20.5            | 15.8             | 10.0          | 8.7           | 7.7         |
| 8 and under 13 weeks                 | .. | .. | 6.8         | 8.3              | 8.5             | 13.2             | 12.2          | 9.5           | 6.8         |
| 13 and under 26 weeks                | .. | .. | 18.3        | 12.5             | 11.1            | 9.0              | 15.8          | 19.1          | 16.2        |
| 26 weeks and over                    | .. | .. | 15.9        | 19.4             | 19.0            | 19.9             | 21.7          | 16.8          | 19.8        |
| <u>Total</u>                         | .. | .. | 66.6        | 72.0             | 76.8            | 75.7             | 72.0          | 67.7          | 60.8        |
| Average duration of unemployment (b) |    |    | weeks       | weeks            | weeks           | weeks            | weeks         | weeks         | weeks       |
|                                      |    |    | 18.7        | 19.9             | 18.7            | 22.1             | 24.8          | 22.6          | 29.7        |

(a) Period from the time the person began looking for work or was stood down, to the end of survey week.

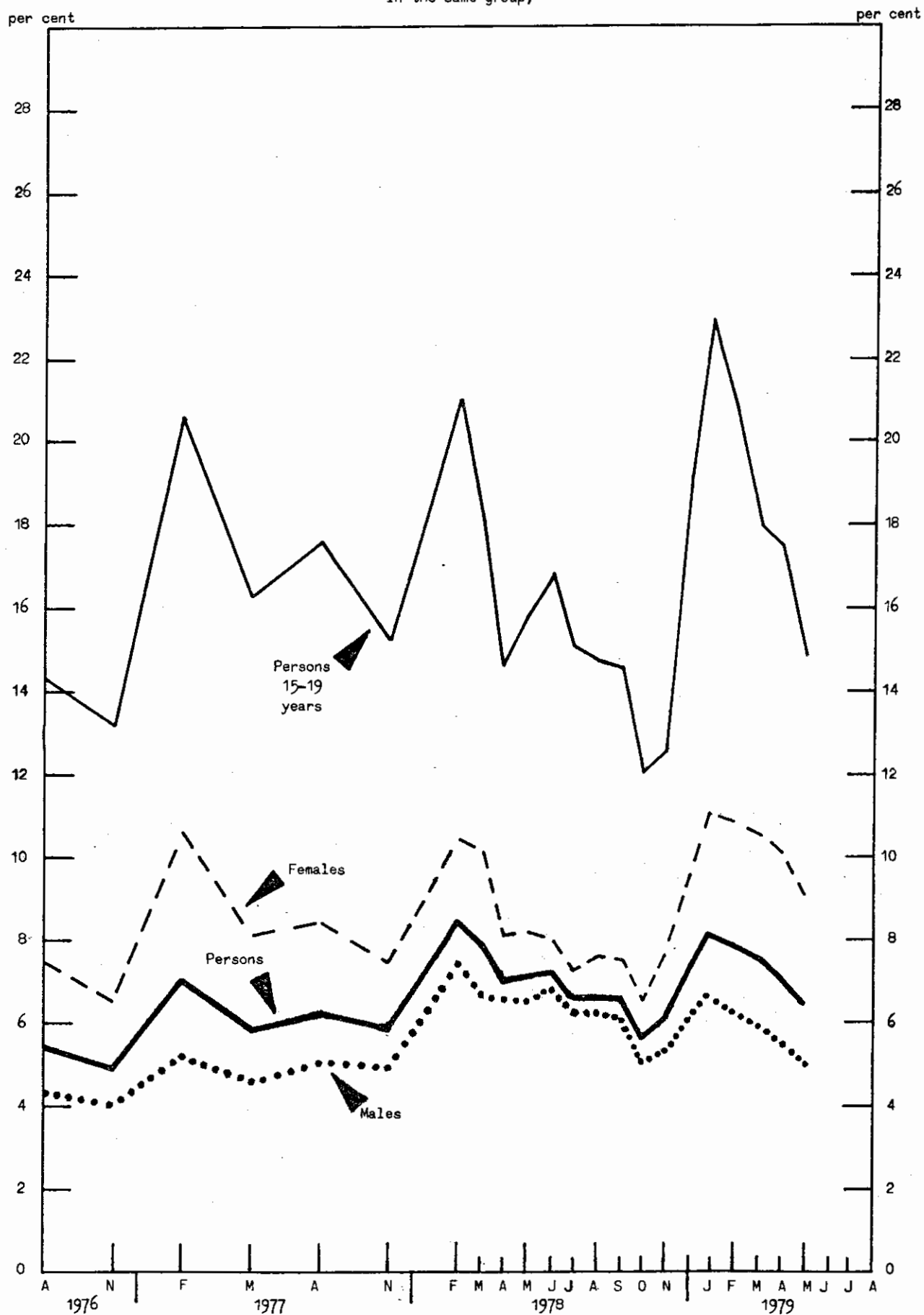
(b) Periods of unemployment are recorded only in completed weeks; this procedure results in a slight lowering of the figures shown for average duration of unemployment.

Table 12 - Unemployed Persons by Age, Queensland, May 1979

| Age group<br>(years) |    |    |    | Number unemployed |         |         | Unemployment rate (a) |         |         |
|----------------------|----|----|----|-------------------|---------|---------|-----------------------|---------|---------|
|                      |    |    |    | Males             | Females | Persons | Males                 | Females | Persons |
|                      |    |    |    | '000              | '000    | '000    | %                     | %       | %       |
| 15-19                | .. | .. | .. | 8.5               | 11.3    | 19.7    | 11.6                  | 18.8    | 14.8    |
| 20-24                | .. | .. | .. | 7.1               | 6.9     | 14.0    | 8.4                   | 11.3    | 9.6     |
| 25-34                | .. | .. | .. | 6.2               | 5.0     | 11.2    | 3.9                   | 6.5     | 4.7     |
| 35 and over          | .. | .. | .. | 9.1               | 6.7     | 15.8    | 3.0                   | 5.1     | 3.6     |
| <u>Total</u>         | .. | .. | .. | 30.9              | 29.9    | 60.8    | 5.0                   | 9.1     | 6.4     |
| Total 20 and over    | .. | .. | .. | 22.4              | 18.6    | 41.1    | 4.1                   | 6.9     | 5.0     |

(a) The number of unemployed in each group as a percentage of the labour force in the same group.

Unemployment Rates (a), Queensland  
 (The unemployed in each group as a percentage of the civilian labour force  
 in the same group)



(a) From February 1978 the population survey has been conducted monthly. Previously, surveys were conducted in February, May, August, and November each year.